

LIMESTONE ROAD OU2
ADMINISTRATIVE RECORD FILE * **
INDEX OF DOCUMENTS

II. REMEDIAL ENFORCEMENT PLANNING

1. Complaint, In the United States District Court for the District of Maryland, United States of America, Plaintiff, v. Fairchild Industries, Inc. and Cumberland Cement and Supply Co., Defendant, (undated). P. 200001-200011.
2. Partial Consent Decree, In the United States District Court for the District of Maryland; Civil Action No. R-88-2933; United States of America, et al., Plaintiffs; v. Fairchild Industries, Inc. and Cumberland Cement and Supply Co., Defendants, (undated). P. 200012-200071.
3. Letter to Mr. Tracy Getz, Winston & Strawn, from Ms. Cynthia Nadolski, U.S. EPA, re: Interpretation of the language in the Partial Consent Decree describing the procedures EPA uses to approve or disapprove of plans, reports, or proposals, 1/23/92. P. 200072-200073.
4. Letter to Mr. Danald [sic] Rose from Mr. S. Andrew Sochanski, U.S. EPA, re: Consent for Access or Right of Entry to Mr. Rose's property, 1/31/92. P. 200074-200074.
5. Letter to Mrs. Viola Piper from Mr. S. Andrew Sochanski, U.S. EPA, re: Consent for Access or Right of Entry to Ms. Piper's property, 1/31/92. P. 200075-200075.
6. Letter to Mr. Ray Brabson from Mr. S. Andrew Sochanski, U.S. EPA, re: Consent for Access or Right of Entry to Mr. Brabson's property, 1/31/92. P. 200076-200076.
7. Letter to Ms. Viola Piper from Mr. S. Andrew Sochanski, U.S. EPA, re: The signed Consent for Access or Right of Entry to Ms. Piper's property, 1/31/92. P. 200077-200079. The Consent for Access is attached.

* Administrative Record File available 3/11/91, updated 3/27/92, 2/2/93, 10/18/93, 4/11/96, and 8/29/96.

** Futher information pertaining to Limestone Road OU2 can be found in the Administrative Record File for Limestone Road OU1.

8. Letter to Mr. and Mrs. Ray Brabson from Mr. S. Andrew Sochanski, U.S. EPA, re: The signed Consent for Access or Right of Entry to the Brabson's property, 1/31/92. P. 200080-200082. The Consent for Access is attached.
9. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Philip M. Andrews, Kramon & Graham, re: Clarification of requirements in the Consent Decree not being fulfilled, 2/18/92. P. 200083-200085.
10. Consent for Access to Property, signed by Mr. Donald R. Rose, 3/18/92. P. 200086-200088. A site map is attached.
11. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Philip M. Andrews, Kramon & Graham, re: Notice of violation letter sent to Cumberland Cement and Supply and Fairchild Industries, Inc., 4/2/92. P. 200089-200090.
12. Letter to Mr. Philip M. Andrews, Kramon & Graham, from Mr. S. Andrew Sochanski, U.S. EPA, re: Non-compliance with the Consent Decree, 4/24/92. P. 200091-200092.
13. Letter to Mr. Philip M. Andrews, Kramon & Graham, from Mr. S. Andrew Sochanski, U.S. EPA, re: Non-compliance with the Consent Decree, 5/5/92. P. 200093-200094.
14. Letter to Ms. Cynthia Nadolski, U.S. EPA, from Mr. B. Michael Hodge, The Fairchild Corporation, re: Replacement of Mr. Tracy Getz of Winston & Strawn as counsel for Fairchild Industries, Inc., 10/1/92. P. 200095-200095.

III. REMEDIAL RESPONSE PLANNING

1. Report: Work Plan for the Supplemental Remedial Investigation/Feasibility Study (SRI/FS) and Remedial Design/Remedial Action (RD/RA) at the Limestone Road Site, Cumberland, Maryland, prepared by Geraghty and Miller, Inc., 5/88. P. 300001-300076.
2. National Priorities List (NPL) Site Certification, Limestone Road Site, Cumberland, Allegheny Co., Maryland, 4/21 to 22/90. P. 300077-300077.
3. Letter to Mr. Robert Davis, U.S. EPA, from Mr. John P. Wolflin, U.S. Department of the Interior (DOI), re: Site biological characterization, 7/13/90. P. 300078-300080. A map showing additional sampling locations is attached.
4. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. John P. Wolflin, U.S. DOI, re: Presence of endangered species at the site, 10/4/90. P. 300081-300082.
5. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. James Burtis, Jr., Maryland Department of Natural Resources, re: Presence of Federal or state threatened or endangered plant or wildlife species at the site, 10/12/90. P. 300083-300083.
6. Memorandum to Mr. Andrew Sochansky [sic], U.S. EPA, from Biological Technical Assistance Group (BTAG), re: Recommendations for Potentially Responsible Parties (PRPs) to carry out sampling and analysis suggestions, 12/20/90. P. 300084-300085. A letter regarding the U.S. DOI's review of the revised Field Sampling Plan is attached.
7. Report: Field Sampling Plan for the SRI/FS at the Limestone Road Site, Cumberland, Maryland, Draft Report, prepared by Geraghty & Miller, Inc., 6/90. P. 300086-300241. A cover letter is attached.
8. Report: Quality Assurance Project Plan for the SRI/FS at the Limestone Road Site, Cumberland, Maryland, Draft Report, prepared by Geraghty & Miller, Inc., 6/90. P. 300242-300552. (Pages 300251-300258 and 300452-300468 have been removed because they contain confidential information.)

9. Letter to Mr. Scott Phillips, Geraghty & Miller, Inc., from Mr. S. Andrew Sochanski, U.S. EPA, re: Initial review of the draft Field Sampling Plan (DFSP) and the draft Quality Assurance Project Plan (DQAPP) for the SRI/FS, 7/23/90. P. 300553-300584. The following are attached:
 - a) Figure 3.1, Locations of Sampling Sites for the Supplemental Remedial Investigation;
 - b) comments on the draft Field Sampling Plan;
 - c) comments on the draft Quality Assurance Project Plan;
 - d) comments on the Quality Assurance Project Plan Review.
10. Report: Field Sampling Plan for the SRI/FS at the Limestone Road Site, Cumberland, Maryland, Revised Draft Report, prepared by Geraghty & Miller, Inc., 8/90. P. 300585-300830. A cover letter and responses to EPA's review of the Field Sampling Plan are attached.
11. Report: Revised Draft Quality Assurance Project Plan, Limestone Road SRI/FS, Cumberland, Maryland, prepared by Geraghty & Miller, Inc., 8/90. P. 300831-301059. A cover letter and a summary of responses to the draft Quality Assurance Project Plan are attached. (Pages 300862-300869 and 300932-300969 have been removed because they contain confidential information.)
12. Report: Appendix B, Laboratory Quality Assurance Plan, Limestone Road RI/FS, prepared by Geraghty & Miller, Inc., 8/28/90. P. 301060-301177. (Pages 301138-301148 and 301153-301158 have been removed because they contain confidential information.)
13. Letter to Mr. Scott Phillips, Geraghty & Miller, Inc., from Mr. S. Andrew Sochanski, U.S. EPA, re: Second review of the draft Field Sampling Plan and draft Quality Assurance Project Plan, 10/18/90. P. 301178-301197. EPA's responses to Geraghty & Miller's comments and an agenda for review of significant comments to the second draft of the Field Sampling Plan are attached.

14. Report: Revised Field Sampling Plan for the SRI/FS at the Limestone Road Site, Cumberland, Maryland, Draft Report, prepared by Geraghty & Miller, Inc., 11/90. P. 301198-301453. A cover letter and responses to EPA's October 1990 comments on the review of the Field Sampling Plan and the Quality Assurance Project Plan are attached.
15. Report: Revised Draft Quality Assurance Project Plan, Limestone Road SRI/FS, Cumberland, Maryland, prepared by Geraghty & Miller, Inc., 11/90. P. 301454-301783. (Pages 301471-301478, 301541-301575, 301655-301665, and 301670-301675 have been removed because they contain confidential information.)
16. Report: Field Sampling Plan for the SRI/FS at the Limestone Road Site, Cumberland, Maryland, prepared by Geraghty & Miller, Inc., 7/91. P. 301784-302067. Six letters and a non-potable water chemistry proficiency test report are attached.
17. Report: Quality Assurance Project Plan, Limestone Road SRI/FS, Cumberland, Maryland, prepared by Geraghty & Miller, Inc., 7/91. P. 302068-302395. (Pages 302085-302092, 302157-302190, and 302270-302277 have been removed because they contain confidential information.)
18. Letter to Mr. Bob Byer, Geraghty & Miller, Inc., from Mr. S. Andrew Sochanski, U.S. EPA, re: Fourth review of the revised Field Sampling Plan and Quality Assurance Project Plan, 9/16/91. P. 302396-302400.
19. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Robert M. Byer, Jr., Mr. John E. Claypool, and Mr. Jeffrey P. Sgambat, Geraghty & Miller, Inc., re: Revised pages of the Field Sampling Plan and Quality Assurance Project Plan, 9/30/91. P. 302401-302452. Responses to EPA's September 1991 comments on the review of the Field Sampling Plan and Quality Assurance Project Plan and the revised pages of the plans are attached. (Pages 302436-302448 have been removed because they contain confidential information.)
20. Letter to Mr. S. Andrew Sochanski, Ms. Cynthia Nadolski, and Mr. David Healy, U.S. EPA, from Mr.

Jeffrey P. Sgambat, Geraghty & Miller, Inc., re:
Revised pages of the Field Sampling Plan and Quality
Assurance Project Plan, 12/19/91. P. 302453-302492.
The following are attached:

- a) a facsimile cover letter;
 - b) Attachment 1, Responses to EPA's November 20, 1991 Comments on the Review of the Field Sampling Plan and Quality Assurance Project Plan;
 - c) the revised pages of the Field Sampling Plan;
 - d) the revised pages of the Quality Assurance Project Plan.
- 21. Report: Health and Safety Plan for the SRI/FS at the Limestone Road Site, Cumberland, Maryland, prepared by Geraghty & Miller, Inc., 9/90. P. 302493-302690.
 - 22. Report: Field Sampling Plan for the SRI/FS at the Limestone Road Site, Cumberland, Maryland, prepared by Geraghty & Miller, Inc., 12/91. P. 302691-302925.
 - 23. Letter to Mr. Jeffery P. Sgambat, Geraghty & Miller, Inc., from Mr. S. Andrew Sochanski, U.S. EPA, re: Review of the draft Field Sampling Plan and the Quality Assurance Project Plan, 1/17/92. P. 302926-302929. The review comments are attached.
 - 24. Report: Revised Quality Assurance Project Plan, Limestone Road SRI/FS, Cumberland, Maryland, prepared by Geraghty & Miller, Inc., 2/92. P. 302930-303238.
 - 25. Letter to Mr. Tracy M. Getz, Winston & Strawn, and Mr. Philip M. Andrews, Kramon & Graham, from Mr. S. Andrew Sochanski, U.S. EPA, re: Review and acceptance of the proposed substitute Prime Contractor for site work, 3/11/92. P. 303239-303240.
 - 26. Letter to Ms. Cynthia Nadolski, U.S. EPA, from Mr. Philip M. Andrews, Kramon & Graham, re: Proposed sign locations, 3/17/92. P. 303241-303244. Two site maps showing approximate locations for signs are attached.
 - 27. Report: Geophysical Investigation at the Limestone Road Site near Cumberland, Maryland, (no author cited), 4/92 to 6/92. P. 303245-303426.

28. Letter to Mr. David Kargbo, U.S. EPA, from Mr. Robert T. Pyle, Conestoga-Rovers & Associates, re: Site inspection to review alternate borehole and monitoring well locations, 4/2/92. P. 303427-303429. A site map and a facsimile transmittal sheet are attached.
29. Report: Summary Report of Short Term Aquifer Testing Program and Long Term Aquifer Testing Proposal, Limestone Road Site, Cumberland, Maryland, prepared by Conestoga-Rovers & Associates, 5/92. P. 303430-303581.
30. Report: Geotechnical Testing Report, Limestone Road Site, Cumberland, Maryland, prepared by Empire Soils Investigations, Inc., 6/92. P. 303582-303643.
31. Letter to Mr. Robert T. Pyle, Conestoga-Rovers & Associates, from Mr. S. Andrew Sochanski, U.S. EPA, re: Review comments on the Summary Report of Short Term Aquifer Testing Program and Long Term Aquifer Testing Proposal, 6/8/92. P. 303644-303648. The comments are attached.
32. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Robert T. Pyle, Conestoga-Rovers & Associates, re: Responses to EPA's comments on the Summary Report of Short Term Aquifer Testing Program and Long Term Aquifer Testing Proposal, 6/8/92. P. 303649-303661. The responses are attached.
33. Memorandum to Ms. Carol Dunnigan from Ms. Doreen Carden, re: Analytical Data Quality Assessment and Validation of the surface soil cap area and soil borings investigation, 8/4/92. P. 30662-30703. The following are attached:
 - a) Table 1, Analytical Results, Fill Sample Program;
 - b) Table 2, Analytical Results, Soil Fill Boreholes;
 - c) Table 3, Summary of Sample Collection and Analytical Programs;
 - d) Table 4, Qualification of Data due to Outlying Internal Standard Area Counts;

- e) Table 5, Qualified Sample Data due to Field Duplicated Discrepancies, Soil Borings;
 - f) Table 6, Qualification of Data due to Outlying Matrix Spike Recoveries;
 - g) Table 7, Qualified Sample Data due to Field Duplicated Discrepancies, Soil Fill.
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- 34. Letter to Mr. Robert T. Pyle, Conestoga-Rovers & Associates, from Mr. S. Andrew Sochanski, U.S. EPA, re: Summary of EPA's and Maryland Department of the Environment's position on the RI/FS work tasks, 8/6/92. P. 303704-303706.
 - 35. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Robert T. Pyle, Conestoga-Rovers & Associates, re: Response to clarify Conestoga-Rovers' understanding of the progress of site work, 8/12/92. P. 303706-303709.
 - 36. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Robert T. Pyle, Conestoga-Rovers & Associates, re: Clarification of issues concerning the Long Term Aquifer Testing Program, 9/4/92. P. 303710-303712.
 - 37. Letter to Mr. Robert T. Pyle, Conestoga-Rovers & Associates, from Mr. S. Andrew Sochanski, U.S. EPA, re: Review comments on the Geotechnical Testing Report, the Geophysical Investigation Report, and the Analytical Data Quality Assessment and Validation, 9/11/92. P. 303713-303716. The comments are attached.
 - 38. Letter to Mr. Andrew Sochanski, U.S. EPA, from Mr. Robert T. Pyle, Conestoga-Rovers & Associates, re: Proposed changes to the Long Term Aquifer Testing Program, 9/22/92. P. 303717-303725. Three graphs are attached.
 - 39. Letter to Mr. S.A. Sochanski, U.S. EPA, from Ms. Carol F. Dunnigan, Conestoga-Rovers & Associates, re: Clarification of sampling results, 10/15/92. P. 303726-303730. A table of Surface Fill Soil Samples and a site map are attached.
 - 40. Letter to Mr. Robert T. Pyle, Conestoga-Rovers & Associates, from Mr. S. Andrew Sochanski, U.S. EPA, re: The Long Term Aquifer Testing Program, 10/24/92.

P. 303731-303735.

41. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Robert T. Pyle, Conestoga-Rovers & Associates, re: Installation of additional monitoring wells and scheduling of field activities for the Supplemental Remedial Investigation, 11/13/92. P. 303736-303740. Two revised RI/FS schedules are attached.
42. Letter to Mr. Robert T. Pyle, Conestoga-Rovers & Associates, from Mr. S. Andrew Sochanski, U.S. EPA, re: Review comments on the Analytical Quality Assessment and Validation, 11/16/92. P. 303741-303743. The comments are attached.
43. Letter to Mr. Jeffery P. Sgambat, Geraghty & Miller, Inc., from Mr. S. Andrew Sochanski, U.S. EPA, re: Discovery of bullet holes in monitoring well casings, 7/3/91. P. 303744-303745.
44. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Philip M. Andrews, Kramon & Graham, re: Response to the letter concerning bullet holes found in monitoring well casings, 7/22/91. P. 303746-303747.
45. Letter to Mr. Phil Andrews, Kramon & Graham, from Ms. Cynthia Nadolski, U.S. EPA, re: Signs to be posted at the site to deter unrestricted access, 9/24/91. P. 303748-303749.
46. Report: Remedial Investigation Risk Assessment Work Plan, Limestone Road Site, Cumberland, Maryland, prepared by Dynamac Corporation, 3/31/92. P. 303750-303787. A cover letter is attached.
47. Report: Analytical Data Quality Assessment and Validation, Limestone Road SRI/FS, prepared by Conestoga-Rovers & Associates, 7/8/92. P. 303788-303866.
48. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Robert T. Pyle, Conestoga-Rovers & Associates, re: Results of fill material sampling, 8/12/92. P. 303867-303868.
49. Letter to Mr. Robert T. Pyle, Conestoga-Rovers & Associates, from Mr. S. Andrew Sochanski, U.S. EPA, re: Acceptance of the schedule for additional monitoring well installation, 12/14/92. P. 303869-303870.

50. Report: Supplemental Remedial Investigation, Long-Term Pumping Test Results and Additional Monitoring Well Proposal, Limestone Road Site, Cumberland, Maryland, prepared by Conestoga-Rovers & Associates, 1/29/93. P. 303871-304193. A cover letter is attached.
51. Report: Attachment 1, Supplemental Remedial Investigation, Long-Term Pumping Test Results and Additional Monitoring Well Proposal, Limestone Road Site, Cumberland, Maryland, prepared by Conestoga-Rovers & Associates, 1/29/93. P. 304194-304392.
52. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Robert T. Pyle, Conestoga-Rovers & Associates, re: Request for a meeting to resolve differences concerning the expansion of activities beyond site limits, 2/1/93. P. 304393-304401. A letter dated January 21, 1993 regarding the third round surface soil sampling and six site maps are attached.
53. Report: Residential Well Sampling Proposal, Limestone Road Site, Cumberland, Maryland, prepared by Conestoga-Rovers & Associates, 2/5/93. P. 304402-304432. A cover letter is attached.
54. Letter to Mr. Camille Costa, Dynamac Corporation, from Mr. S. Andrew Sochanski, U.S. EPA, re: Review of the revised Ecological Risk Assessment Work Plan, 2/8/93. P. 304433-304433.
55. Letter to Director of Public Works, City of Cumberland, from Ms. Carol F. Dunnigan, Conestoga-Rovers & Associates, re: Request for permission to discharge to the city wastewater treatment facility, 2/9/93. P. 304434-304458. A table of stored ground water sampling results and an analytical report of sampling results are attached.
56. Letter to Mr. Robert T. Pyle, Conestoga-Rovers & Associates, from Mr. S. Andrew Sochanski, U.S. EPA, re: Review comments on the Long Term Pumping Test Results and Additional Monitoring Well Proposal and the Geophysical Survey Report, 2/16/93. P. 304459-304474. The comments are attached.

57. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Robert T. Pyle, Conestoga-Rovers & Associates, re: Results of the reanalysis of archived fill samples and a change to be made to the analysis method for cadmium, 2/18/93. P. 304475-304493. The following are attached:
- a) Figure 1, Perimeter Fill Material Analytical Data Summary;
 - b) a table of Surface Fill Soil Samples;
 - c) a memorandum regarding the assessment and validation of analytical results, dated February 9, 1993;
 - d) Table 1, Analytical Data, Cadmium Reanalysis;
 - e) Table 2, Qualified Data due to Outlying Matrix Spike Recoveries, Cadmium Reanalysis;
 - f) Table 3, Qualified Sample Data due to Outlying MSA Correlation Coefficients, Cadmium Reanalysis;
 - g) Table 4, Field Duplicate Results and Qualified Sample Data, Cadmium Reanalysis;
 - h) Table 5, Sample Data Discrepancies, Cadmium Reanalysis.
58. Report: Analytical Data Quality Assessment and Validation, Limestone Road SRI/FS, Soil Samples (13), prepared by Conestoga-Rovers & Associates, 3/4/93. P. 304494-304515.
59. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Ms. Carol F. Dunnigan, Conestoga-Rovers & Associates, re: Notification of a change in Project Coordinator for Conestoga-Rovers & Associates, 3/4/93. P. 304516-304525. The resume of Mr. Jack J.A. Michels is attached.
60. Letter to Mr. Robert T. Pyle, Conestoga-Rovers & Associates, from Mr. S. Andrew Sochanski, U.S. EPA, re: Review comments on the Residential Well Sampling Proposal, 3/4/93. P. 304526-304533. The comments are

attached.

61. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Andrew P. Kisiel, Conestoga-Rovers & Associates, re: Specifications for well construction details, 3/5/93. P. 304534-304535.
62. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Michael G. Mateyk, Conestoga-Rovers & Associates, re: Response to EPA's and Maryland Department of the Environment's comments on the Additional Monitoring Well Proposal, 3/9/93. P. 304536-304554. The responses are attached.
63. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Jack J.A. Michels, Conestoga-Rovers & Associates, re: Request for an extension to submit the Remedial Design Plan, 3/12/93. P. 304555-304555.
64. Memorandum to Mr. Frederick Dreisch from Behrooz Khoshkhoo, Lockheed Environmental Systems & Technologies Co., re: Total hexavalent chromium determinations, 3/22/93. P. 304556-304559.
65. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Michael G. Mateyk, Conestoga-Rovers & Associates, re: Response to EPA's and Maryland Department of the Environment's comments on the Residential Well Sampling Proposal, 3/24/93. P. 304560-304572. The responses are attached.
66. Memorandum to Mr. Frederick Dreisch from Ms. Linda D. Vaughan, Lockheed Environmental Systems & Technologies Co., re: Determination of pH in soil samples, 3/26/93. P. 304573-304574.
67. Letter to Mr. Jack J.A. Michels, Conestoga-Rovers & Associates, from Mr. S. Andrew Sochanski, U.S. EPA, re: Acceptance of the request for an extension to submit the Remedial Design Work Plan, 3/31/93. P. 304575-304576.
68. Letter to Mr. Jack J.A. Michels, Conestoga-Rovers & Associates, from Mr. S. Andrew Sochanski, U.S. EPA, re: Acceptance of Mr. Michels as the new Project Coordinator for Conestoga-Rovers & Associates, 3/31/93. P. 304577-304578.
69. Report: Analytical Data Quality Assessment and

Validation, Limestone Road SRI/FS, Soil Fill Samples (10), prepared by Conestoga-Rovers & Associates, 4/93. P. 304579-304597.

70. Letter to Mr. Jack J.A. Michels, Conestoga-Rovers & Associates, from Mr. S. Andrew Sochanski, U.S. EPA, re: Review of the Residential Well Sampling Proposal and the Long Term Pumping Test Results and Additional Monitoring Well Proposal, 4/7/93. P. 304598-304600.
71. Letter to Mr. Jack J.A. Michels, Conestoga-Rovers & Associates, from Mr. S. Andrew Sochanski, U.S. EPA, re: Design specifications, 4/8/93. P. 304601-304603. A Remedial Design Specifications and Plans Distribution List is attached.
72. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Jack Michels, Conestoga-Rovers & Associates, re: Response to EPA's comments on the Residential Well Sampling Proposal, 4/13/93. P. 304604-304606. A table of residential wells sampled is attached.
73. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Ms. Carol F. Dunnigan, Conestoga-Rovers & Associates, re: Request for a sample key, 4/15/93. P. 304607-304607.
74. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Jack Michels, Conestoga-Rovers & Associates, re: Residential well sampling efforts, 4/15/93. P. 304608-304611. Two lists of residential wells to be sampled are attached.
75. Report: Trip Report for Enforcement Sampling at the Limestone Road Site, Cumberland, Maryland, prepared by Dynamac Corporation, 4/16/93. P. 304612-304662. A cover letter is attached.
76. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Jack Michels, Conestoga-Rovers & Associates, re: Request for permission to discharge ground water, 4/22/93. P. 304663-304669. A stored ground water analysis table and ground water sampling results are attached.
77. Letter to Mr. Jack Michels, Conestoga-Rovers & Associates, from Mr. S. Andrew Sochanski, U.S. EPA, re: Request for a meeting to discuss the Long Term Monitoring Well Proposal, the Additional Monitoring

Well Installation, and the Residential Well Sampling Proposal, 4/26/93. P. 304670-304671.

77. Letter to Mr. Burly Cunningham from Mr. S. Andrew Sochanski, U.S. EPA, re: Request for vehicles and other salvage material to be removed from the Diggs property, 4/27/93. P. 304672-304673.
79. Letter to Mr. Jack Michels, Conestoga-Rovers & Associates, from Mr. S. Andrew Sochanski, U.S. EPA, re: EPA's contesting of a dispute resolution claim and information on the residential well sampling, 4/27/93. P. 304674-304675.
80. Report: Limestone Road, Superfund Enforcement Account No. TGB03N663, REQ 9300067, prepared by U.S. EPA, 4/28/93. P. 304676-304697.
81. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Jack Michels, Conestoga-Rovers & Associates, re: Results of the filtered and unfiltered ground and surface water sampling, 4/30/93. P. 304698-304699.
82. Letter to Mr. Jack Michels, Conestoga-Rovers & Associates, from Mr. S. Andrew Sochanski, U.S. EPA, re: Denial of a request to dispose of ground water on-site, 5/4/93. P. 304700-304700.
83. Report: Analytical Report, Project Number 4550, prepared by Enesco-Wadsworth/Alert Laboratories, 5/12/93. P. 304701-304738.
84. Report: Remedial Design Plan, Limestone Road, Cumberland, Maryland, prepared by Conestoga-Rovers & Associates, 5/12/93. P. 304739-304990.
85. Report: Health and Safety Plan, Interim Remedial Action, Limestone Road Site, Cumberland, Maryland, prepared by Conestoga-Rovers & Associates, 5/12/93. P. 304991-305083.
86. Report: Operation and Maintenance Plan, Limestone Road Site, Cumberland, Maryland, prepared by Conestoga-Rovers & Associates, 5/12/93. P. 305084-305101.
87. Report: Interim Remedial Program Project Specifications, Limestone Road Site, Cumberland,

Maryland, prepared by Conestoga-Rovers & Associates, 5/12/93. P. 305102-305231.

88. Report: Construction Quality Assurance Project Plan, Limestone Road Site, Cumberland, Maryland, prepared by Conestoga-Rovers & Associates, 5/12/93. P. 305232-305261.
89. Report: Evaluation of Total Versus Dissolved Constituent Concentrations, Supplemental Remedial Investigation/Feasibility Study, Limestone Road Site, Cumberland, Maryland, prepared by Conestoga-Rovers & Associates, 5/12/93. P. 305262-305382. A cover letter is attached.
90. Report: Trip Report for Enforcement Sampling at the Limestone Road Site, Cumberland, Maryland, prepared by Dynamac Corporation, 5/17/93. P. 305383-305406. A cover letter is attached.
91. Report: Evaluation of Total Versus Dissolved Constituent Concentrations, Supplemental Remedial Investigation/Feasibility Study, Limestone Road Site, Cumberland, Maryland, prepared by Conestoga-Rovers & Associates, 5/28/93. P. 305407-305466. A cover letter is attached.
92. Letter to Mr. Jack Michels, Conestoga-Rovers & Associates, from Mr. S. Andrew Sochanski, U.S. EPA, re: Need for collection of additional geophysical data, 6/1/93. P. 305467-305468.
93. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Jack Michels, Conestoga-Rovers & Associates, re: Notice that Fairchild Industries will not perform additional geophysical data collection, 6/7/93. P. 305469-305469.
94. Letter to Mr. Jack Michels, Conestoga-Rovers & Associates, from Mr. S. Andrew Sochanski, U.S. EPA, re: Review of the Total Versus Dissolved Metals Residential Well Sampling, 6/7/93. P. 305470-305471.
95. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Jack Michels, Conestoga-Rovers & Associates, re: Additional residential well sampling, 6/10/93. P. 305472-305474. The sampling results are attached.

96. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Jack Michels, Conestoga-Rovers & Associates, re: Revision of the capping boundaries, 6/11/93. P. 304575-305481. Surface fill sampling results are attached.
97. Letter to Mr. Jack Michels, Conestoga-Rovers & Associates, from Mr. S. Andrew Sochanski, U.S. EPA, re: Review comments on the Remedial Design Plan, the Project Specifications, the Construction Quality Assurance Project Plan, the Operation and Maintenance Plan, and the Health and Safety Plan, 6/16/93. P. 305482-305528. The comments are attached.
98. Letter to Mr. Jack Michels, Conestoga-Rovers & Associates, from Mr. S. Andrew Sochanski, U.S. EPA, re: Review comments on the Operation and Maintenance Plan, 6/17/93. P. 305529-305530. The comments are attached.
99. Report: Trip Report for Enforcement Sampling at the Limestone Road Site, Cumberland, Maryland, prepared by Dynamac Corporation, 6/17/93. P. 305531-305558. A cover letter is attached.
100. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Philip M. Andrews, Kramon & Graham, re: Notice that Cumberland Cement and Supply Company will not perform additional work, 6/17/93. P. 305559-305559.
101. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Andrew P. Kisiel, Conestoga-Rovers & Associates, re: A field audit conducted on May 20, 1993 to verify that sampling was being performed according to the Work Plan, 6/17/93. P. 305560-305568. A memorandum dated June 14, 1993 regarding the field audit and a field audit summary form are attached.
102. Memorandum to Mr. Gregg Crystall, U.S. EPA, from Ms. Marian Murphy, Roy F. Weston, Inc., re: Analytical review of five water samples, 6/22/93. P. 305569-305584.
103. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Steven C. Day, Conestoga-Rovers & Associates, re: A laboratory audit conducted on May 27, 1993 to verify that analyses were being performed according to the Work Plan, 6/24/93. P. 305585-305664. A memorandum dated June 23, 1993 regarding the laboratory audit, the Audit Checklist, and Performance Evaluation Results are

attached.

104. Special Bulletin A to Regional Response Center, Region III, U.S. EPA, from Mr. George English, U.S. EPA, re: Notification of a \$50,000 activation, 7/1/93. P. 305665-305667.
105. Letter to Mr. S. Andrew Sochanski and Ms. Cynthia Nadolski, U.S. EPA, and Mr. David Healy, Maryland Department of the Environment, from Ms. Carol F. Dunnigan, Conestoga-Rovers & Associates, re: The April 1993 Analytical Data Quality Assessment and Validation report, 7/7/93. P. 305668-305687. The report is attached.
106. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Wayne H. Sonntag, U.S. DOI, re: The U.S. Geological Survey Work Plan for provision of technical support, 7/7/93. P. 305688-305735. The Work Plan and the Scope of Work for Borehole Geophysical Logging and Interpretation are attached.
107. Memorandum to Mr. Andy Sochanski, U.S. EPA, from Ms. Cynthia E. Caporale, U.S. EPA, re: Organic Data Validation for Case 20107/7571HQ, 7/14/93. P. 305736-305745. The Organic Data Validation for Case 20107/7571HQ; Appendix A, Glossary of Data Qualifiers; and Appendix B, Data Summary Forms, are attached.
108. Report: Limestone Road, Superfund Enforcement Account No. 3TGB03N663, REQ 9306, prepared by U.S. EPA, 7/21/93. P. 305746-305752.
109. Letter to Mr. S. Andrew Sochanski, U.S. EPA, from Mr. Jack Michels, Conestoga-Rovers & Associates, re: Response to comments on the Remedial Design Plan, 7/21/93. P. 305753-305808. The response is attached.
110. Facsimile transmittal sheet to Mr. Andrew Sochanski, U.S. EPA, from J. Kozel, Dynamac Corporation, re: Summary tables for residential well sampling, 7/28/93. P. 305809-305812. The tables are attached.
111. Report: Analytical Data Quality Assessment and Validation, Limestone Road SRI/FS, Groundwater Investigation Round I, Surface Water/Sediment Investigation Round I, Residential Well Sampling Round

I, prepared by Conestoga-Rovers & Associates, 7/28/93.
P. 305813-305880. A cover letter is attached.

112. Report: Analytical Data Quality Assessment and Validation, Limestone Road SRI/FS, Groundwater Investigation Round II, Surface Water/Sediment Investigation Round II, Residential Well Sampling Round II, prepared by Conestoga-Rovers & Associates, 7/28/93.
P. 305881-305946.

113. Memorandum to Mr. Andy Sochanski, U.S. EPA, from Ms. Cynthia E. Caporale, U.S. EPA, re: Inorganic Data Validation for Case SAS 7865C-03, 8/2/93. P. 305947-305965. The following are attached:

- a) the Inorganic Data Validation for Case SAS 7865C-03;
- b) Table 1, Data Summary Form;
- c) Table 2, Glossary of Data Qualifier Codes;
- d) four Special Analytical Service Packing List/Chain of Custody forms;
- e) three EPA Sample Shipping Logs.

114. Memorandum to Mr. Andy Sochanski, U.S. EPA, from Ms. Cynthia E. Caporale, U.S. EPA, re: Inorganic Data Validation for Case SAS 7908C-02, 8/10/93. P. 305966-305981. The following are attached:

- a) the Inorganic Data Validation for Case SAS 7908C-02;
- b) Table 1A, Summary of Qualifiers on Data Summary After Data Validation;
- c) Table 1B, Codes Used in Comments Column;
- d) Table 2, Glossary of Data Qualifier Codes;
- e) Table 3, Summary of Sample Locations and Associated EPA Sample Numbers;
- f) Appendix A, Results Reported by Laboratory Form Inorganics (Is);

- g) two Special Analytical Service Packing List/
Chain of Custody forms;
 - e) two EPA Sample Shipping Logs.
- 115. Report: Phase I Ecological Assessment Supplemental Remedial Investigation, prepared by Conestoga-Rovers & Associates, 9/94. P. 305982-306102.
 - 116. Letter to Mr. Gerald Hoover, U.S. EPA, from Mr. Jack Michels, Conestoga-Rovers & Associates, re: Supplemental information for the ecological risk assessment for the site, 1/13/95. P. 306103-306111.
 - 117. Letter to Mr. Gerald Hoover, U.S. EPA, from Mr. Jack Michels, Conestoga-Rovers & Associates, re: Supplemental information concerning the ecological risk assessment, 1/16/95. P. 306112-306116. A list of flora and fauna at the site is attached.
 - 118. Letter to Mr. Gerald Hoover, U.S. EPA, from Mr. Christopher Bozzini, CH2M Hill, re: Comments concerning the supplemental ecological risk assessment information submitted by Conestoga-Rovers & Associates, 2/6/95. P. 306117-306119.
 - 119. Memorandum to Mr. Gerald Hoover, U.S. EPA, from Mr. Robert S. Davis, U.S. EPA, re: Biological Technical Assistance Group's (BTAG) comments concerning the supplemental ecological risk assessment information submitted by Conestoga-Rovers & Associates, 2/6/95. P. 306120-306122.
 - 120. Memorandum to Mr. Gerald Hoover, U.S. EPA, from Mr. Robert S. Davis, U.S. EPA, re: Comments concerning the supplemental ecological risk assessment information submitted by Conestoga-Rovers & Associates, 2/10/95. P. 306123-306125.
 - 121. Report: Final Remedial Investigation Report, Volume I Text and Appendices, prepared by Conestoga-Rovers & Associates, 3/95. P. 306126-307152. A transmittal letter is attached.
 - 122. Report: Final Supplemental Feasibility Study, prepared by Conestoga-Rovers & Associates, 4/95. P. 307153-307359.

123. U.S. EPA Summary of Environmental Risk Assessment, Limestone Road Superfund Site, 4/10/95. P. 307360-307367. A facsimile transmittal is attached.
124. Memorandum to Mr. Gerald Hoover, U.S. EPA, from Mr. Robert S. Davis, U.S. EPA, re: Comments concerning the ecological risk assessment, 4/26/95. P. 307368-307369.
125. Letter to Mr. Glen S. Lapsley, U.S. EPA, from Mr. Jack Michels, Conestoga-Rovers & Associates, re: Summary of the results of the residential well monitoring program and proposed changes in the program, 11/17/95. P. 307370-307422. A letter providing EPA's conditional approval to changes in the residential well monitoring program, a summary of the statistical methodology used by Conestoga-Rovers & Associates, and the analytical results and comparison statistics for the monitoring program are attached.
126. Report: Interim Remedial Action Operation and Maintenance and Interim Monitoring Program, prepared by Conestoga-Rovers & Associates, 1/96. P. 307423-307587.
127. Letter to Mr. Jack Michels, Conestoga-Rovers & Associates, from Ms. Lesley Brunner, U.S. EPA, re: Conditional approval of the final supplemental feasibility study for the site, 2/14/96. P. 307588-307589.
128. Letter to Ms. Lesley Brunner, U.S. EPA, from Mr. Rick Grills, Maryland Department of the Environment (MDE), re: Approval of the draft proposed plan for the site and notification that the state has no comments concerning this document, 2/29/96. P. 307590-307590.
129. Memorandum to Ms. Lesley Brunner, U.S. EPA, from Mr. Robert S. Davis, U.S. EPA, re: BTAG's comments concerning the draft proposed plan, 3/6/96. P. 307591-307592.
130. Memorandum to Ms. Lesley Brunner, U.S. EPA, from Mr. Roy Smith, U.S. EPA, re: Comments concerning the proposed plan, 3/11/96. P. 307593-307593.
131. Memorandum to the site file, from Mr. Lesley Brunner, re: Revised risk calculations based on changes in the reference dose for manganese, 3/20/96. P. 307594-307594.
132. Proposed Plan, Limestone Road OU2 Site, 4/96. P.

307595-307611.

133. Letter to Ms. Lesley Brunner, U.S. EPA, from Dr. Jane A. Fiscus, Allegheny County Health Department, re: Notification of the Allegheny County Health Department's support of EPA Alternative 3 for the Limestone Road Site, 4/26/96. P. 307612-307613.
134. Letter to Ms. Lesley Brunner, U.S. EPA, from Mr. Ronald K. Snyder, Allegheny County Department of Public Works, re: Recommendation that Allegheny County, rather than the PRPs, provide a water supply to the Limestone Road Site, 5/10/96. P. 307614-307614.
135. Letter to Ms. Lesley Brunner, U.S. EPA, from Mr. Jack Michels, Constega-Rovers & Associates, re: Transmittal of comments regarding EPA's Proposed Plan for the Limestone Road OU2 Site on behalf of the PRPs, 5/13/96. P. 307615-307619.
136. Letter to Ms. Lesley Brunner, U.S. EPA, from Mr. Rick Grills, Maryland Department of the Environment (MDE), re: Notification that MDE has no comments regarding the draft Record of Decision (ROD) for the Limestone Road OU2 Site, 6/12/96. P. 307620-307620.
137. Record of Decision, Limestone Road OU2 Site, 6/28/96. P. 307621-307689.

V. COMMUNITY RELATIONS/CONGRESSIONAL CORRESPONDENCE/IMAGERY

137. U.S. EPA Fact Sheet, Limestone Road Site, 4/93.
P. 500001-500004.
138. Minutes of a public meeting held on April 24, 1996, in
the District 16 Fire Hall, 12100 North Branch Road,
Cumberland, Maryland, to discuss the proposed plan for
the Limestone Road Site, 4/24/96. P. 500005-500062.